

Amendments to the Abstract:

ABSTRACT OF THE DISCLOSURE

A bonding member includes, is provided, including, a ceramics-ceramic member having a concave portion, a metal member which has having a convex portion fitted corresponding to the concave portion, a of the ceramic member. A first bonding material which joins a bottom portion of the concave portion of the ceramics-ceramic member and a tip portion of the convex portion of the metal member and. The first bonding material has a porous structure, including particles and a brazing filler metal, that and covers a corner between tip and side portions of the metal member, and a. A second bonding material which includes including a brazing filler metal that joins a the side portion of the concave portion of the ceramics-ceramic member and a the side portion of the convex portion of the metal member.